



1、Descriptionss

The Push-Pull Circular Connector series has a proven track record in various studio, stadium and outside broadcast installations, it is highly reliable, and is easy to maintain. manufactured in stainless steel and excellent LEMO push-pull latching system, and is suitable for up to 20,000 mating cycles and above. employing high quality ceramic technology to achieve superb optical performance, with consistent physical contact of all the polished end faces.

2、Features

- Push-Pull self-latching system for quick and easy mating
- Easily cleaned fiber optic contacts and removable alignment sleeves
- Available with ruggedized stainless steel shells
- Available for connectorization from SMPTE to any fiber optic connector
- Standard ceramic pin and housing connection dimensions, fully compatible with existing equipment
- Three-key positioning design ensures the correctness of the primary connection of the multi-core fiber and can be plugged blind
- Consistent and reliable performance from precision engineering
- Select standard connector on the other end, Various connector option: LC、SC、FC、ST etc.

3. Specifications

Fiber Type	SM (9/125um)		MM (50/125um、62.5/125um)
Polish	UPC	APC	UPC
Insertion Loss	Socket / Plug $\leq 1.0\text{dB}$ (Typical $\leq 0.7\text{dB}$) LC/SC $\leq 0.5\text{ dB}$ (Typical $\leq 0.3\text{dB}$)		
Return Loss	UPC $\geq 50\text{dB}$, APC $\geq 60\text{dB}$		UPC $\geq 20\text{dB}$
mechanical character	Socket / Plug: $\leq 1000\text{N}$ (Main Cable)		
	LC/SC: $\leq 100\text{N}$ (Branch Cable)		
Tensile Strength	Short term: 600N / Long term: 200N		
Protection level	IP65		
Fiber count(optional)	1 ~ 4		
Cable Diameter(optional)	4.0、7.5mm(or Customize)		
Jacket Material(optional)	LSZH、TPU		
Anti-push Unit	KEVLAR		
Operating Temperature	-40 ~ +85°C		

4. Application

- Broadcast
- TV HDTV Cameras
- Mobile/Van based TV Studios
- Outdoor Events
- Digital Camera Transmission
- Re-deployable communications
- Deployable broadcast networks and video transmission systems

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